

## WE CLAIM:

1. A chemical resistant epoxy composition useful for short or long term direct, total, continuous, or intermittent immersion applications, said chemical resistant epoxy composition comprising:  
5                      epoxy resin of 100 parts by weight; and  
                         precipitated silica of 5 – 65 parts.
2. The chemical resistant epoxy composition according to claim 1, in which said precipitated silica is pre-dried.
- 10                      3. The chemical resistant epoxy composition according to claim 1 utilized in protective coatings.
4. The chemical resistant epoxy composition according to claim 1 utilized in adhesives.
- 15                      5. The chemical resistant epoxy composition according to claim 1 utilized in encapsulants.
6. The chemical resistant epoxy composition according to claim 1 utilized in resin-fiber  
20                      composites.